

# STIC EIC 2100

## Search Request Form

(31)

Today's Date:

2/8/07

What date would you like to use to limit the search?

Priority Date:

1/21/03

Other:

Name

Susan Bayyan

AU

2167

Examiner #

77889

Room #

3C-05

Phone

4675

Serial #

107 764,732

Format for Search Results (Circle One):

PAPER

DISK

EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI

Other

Is this a "Fast &amp; Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Is this request for a BOARD of APPEALS case? (Circle One) YES NO

NO

Transferring a database from one location to another  
 Client receives interface associated with source db.  
 receives meta-data associated with source db  
 receive data object (stores data assoc. w/ source db)  
 generates + stores a copy of source db  
 using meta data, populates the copy of  
 source db with data from at least  
 1 data object  
 transfers across various db types, vendors, etc. without  
 development effort

STIC Searcher

B. J. Sims

Phone

2-3528

Date picked up

2/9/07

Date Completed

2/9/07

Set	Items	Description
S1	200319	GUI OR (GRAPHIC???? OR PICTORIAL?? OR VISUAL??) (3N) (INTERF- ACE? ? OR PRESENT??? OR PRESENTATION? ? OR REPRESENT??? OR RE- PRESENTATION? ? OR DEPICT????) OR VISUAL???
S2	427990	(USER? ? OR COMMAND()DRIVEN OR GRAPHIC?) (3N) (INTERFACE? ? - OR APPARAT? OR DEVICE? OR SCREEN? OR FRAME? ? OR PANEL? ? OR - WINDOW? ?) OR GUI OR GUIS OR INTERFACE?
S3	58195	S1:S2(5N) (DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRI- BUT? OR TRANSFER? OR TRANSMI? OR BEAM??? OR LOAD??? OR POST??? ?)
S4	63649	S1:S2(5N) (RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR PULL- ???())DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV? OR ACCESS?)
S5	3490286	METADATA? OR META()DATA? ? OR INFORMATION?? OR DATA OR SCH- EMA? ? OR INSTRUCT? OR JAVA(2N)FILE? ?
S6	824802	S5(5N) (USE? ? OR USING OR UTILI? OR ENABL? OR ALLOW? OR FA- CILITAT? OR EFFECTUAT? OR INSUR? OR ENSUR? OR ESTABLISH? OR S- ET??? ?())UP)
S7	746839	S5(5N) (RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR DOWNLOA- D? OR PULL???())DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR R- ETRIEV?)
S8	772545	S5(5N) (DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR TRANSFER? OR TRANSMI? OR BEAM???)
S9	23802	(ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL? - OR MAIN OR REFER? OR SOURC?) (3N) (DATABASE? OR DATABANK? OR DA- TA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR - DB OR RDB OR OODB OR ODBC OR DBMS OR RDBMS)
S10	542	S9(5N) ((MIRROR? OR COPY??? OR COPIE? ? OR REPLICA? OR CLON- E? OR CREATED OR NEW) (5N) (FILE? ? OR RECORD? ? OR DATA? ? OR - INFORMATION?? OR CONTENT? ?))
S11	857	S9(5N) (MIGRAT??? OR MAP OR MAPS OR MAPP??? ? OR MOVING? OR TRANSFER? OR TRANSLAT? OR MOVE??? ?)
S12	5186	(MIRROR? OR COPY??? OR COPIE? ? OR REPLICA? OR CLONE? OR C- REATED OR NEW OR NEWER OR NEWEST) (3N) (DATABASE? OR DATABANK? - OR DATA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR DB OR RDB OR OODB OR ODBC OR DBMS OR RDBMS)
S13	376	S12(5N) (POPULAT? OR FILL??? OR INCORPORAT? OR INPUT? OR (P- UT OR PUTS OR PUTTING) ()IN OR INSERT? OR INSTALL? OR ENTER? OR ENTRY? OR ENTRIE? ?)
S14	55632	S3:S4 AND S7:S8
S15	8	S14 AND S10
S16	38	S14 AND S11
S17	36	S16 NOT S15
S18	2	S17 AND S13
S19	34	S17 NOT S18
S20	30	S19 NOT (PR>2003 OR PR=2004:2007)
S21	83	S11 AND S12
S22	44	S15:S20
S23	78	S21 NOT S22
S24	54	S23 AND S6
S25	10	S24 AND S1:S2
S26	210	S13 AND S6
S27	12	S14 AND S26
S28	10	S27 NOT (S22 OR S25)
S29	7	S11 AND S13
S30	64	S22 OR S25 OR S27
S31	5	S29 NOT S30
S32	257897	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR DB OR RDB OR OODB OR ODBC OR DB- MS OR RDBMS

S33 11272 S32(5N) (MIGRAT??? OR MAP OR MAPS OR MAPP??? ? OR MOVING? OR  
TRANSFER? OR TRANSLAT? OR MOVE??? ?)  
S34 7 S33 AND S5:S6 AND S3:S4 AND S13  
S35 69 S30:S31  
S36 2 S34 NOT S35  
S37 269 S33 AND S12 AND S7:S8  
S38 17 S37 AND S3:S4  
S39 71 S35:S36  
S40 9 S38 NOT S39  
File 350:Derwent WPIX 1963-2006/UD=200709  
(c) 2007 The Thomson Corporation  
File 347:JAPIO Dec 1976-2006/Oct(Updated 070201)  
(c) 2007 JPO & JAPIO

15/69,K/7 (Item 7 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0009578565 - Drawing available  
WPI ACC NO: 1999-526059/  
XRPX Acc No: N1999-389493

**Data copying method for database development system**

Patent Assignee: SYBASE INC (SYBA-N)

Inventor: PRESTON A L; SHEFFIELD K A

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5937415	A	19990810	US 19958598	P	19951213	199944 B
			US 1996763467	A	19961211	

Priority Applications (no., kind, date): US 19958598 P 19951213; US 1996763467 A 19961211

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5937415	A	EN	45	16	Related to Provisional US 19958598

**Alerting Abstract US A**

NOVELTY - The data copying process from the source data to the destination data is performed by executing a pipeline object, that specifies particular data to copy from a data source to a destination data source, such that the pipeline object is defined by a displayed graphical user interface (GUI) in which a user specifies the data to be copied from the source data to the destination data.

DESCRIPTION - The connection between the data source and the destination data source is established based on the predetermined information of a destination database profile. The pipeline object is stored in a memory so that it can be **retrieved** when starting the **data** copying process.

USE - For database development system. Applicable for copying predetermined data from a data source to a destination data source.

ADVANTAGE - Improves performance of a computer system in the area of database query performance.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of a computer system used in a data copying procedure.

**Title Terms/Index Terms/Additional Words:** DATA; COPY; METHOD; DATABASE; DEVELOP; SYSTEM

**Class Codes**

International Classification (Main): G06F-017/30  
File Segment: EPI;  
DWPI Class: T01  
Manual Codes (EPI/S-X): T01-J05B

**Alerting Abstract** ...database profile. The pipeline object is stored in a memory so that it can be **retrieved** when starting the **data** copying process...

**Original Publication Data by Authority**

**Original Abstracts:**

...via a Network to a Server. In general operation, Clients store data in and retrieve **data** from one **or more** database tables resident on the Server by submitting SQL commands, some of which specify "queries..."

...for selecting particular records of a table. The system implements a "Data Pipeline" feature for **programming** replication of data from **one** database **to** another **in client** applications. Specifically, a pipeline object and SQL SELECT statement are built using a Pipeline Painter...

**Claims:**

...a graphical user interface step includes:receiving user input for graphically creating a SQL SELECT **statement which specifies** the data to be **copied** from the source data to the destination data.

\* Your Assignee & I.N.V.

18/69,K/2 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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0014424265 - Drawing available  
WPI ACC NO: 2004-614472/  
XRPX Acc No: N2004-485834

**Database transfer system for business data exchange over internet, has server retrieves metadata and portion of business data stored in source database, through Java database connectivity programming interface**

Patent Assignee: NGUYEN V V (NGUY-I); WHITTEN G (WHIT-I)

Inventor: NGUYEN V V; WHITTEN G

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040153459	A1	20040805	US 2003441604	P	20030121	200459 B
			US 2004761732	A	20040121	

Priority Applications (no., kind, date): US 2003441604 P 20030121; US 2004761732 A 20040121

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040153459	A1	EN	15	8	Related to Provisional US 2003441604

**Alerting Abstract** US A1

NOVELTY - A server (12) accesses source database (26) using Java database connectivity (JDBC) programming interface and retrieves stored metadata and portion of business data. The server stores retrieved data in a data object corresponding to field of database. A client (18) generates and stores copy of the database using metadata received from server. The client populates the copy of database with data from data object.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.data access application; and
- 2.database transfer method.

USE - For transferring business data that is stored in relational database management system (RDBMS) and shared by business systems, from server to client through internet.

ADVANTAGE - Enables transfer of source database to client across various database types, vendors and operating systems without the need for development effort.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the client-server system.

- 10 client-server system
- 12 server
- 18 client
- 20 network
- 26 source database

**Title Terms/Index Terms/Additional Words:** DATABASE; TRANSFER; SYSTEM; BUSINESS; DATA; EXCHANGE; SERVE; RETRIEVAL; PORTION; STORAGE; SOURCE; THROUGH; CONNECT; PROGRAM; INTERFACE

#### Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;  
DWPI Class: T01  
Manual Codes (EPI/S-X): T01-J05B4M; T01-J20B1; T01-N01D

**Database transfer system for business data exchange over internet, has server retrieves metadata and portion of business data stored in source database, through Java database connectivity programming interface**

**Original Titles:**

System and method for transferring a database from one location to another over a network

**Alerting Abstract ...NOVELTY** - A server (12) accesses source database (26) using Java database connectivity (JDBC) programming interface and retrieves stored metadata and portion of business data. The server stores retrieved data in a data object corresponding to field of database. A client (18) generates and stores copy of the database using metadata received from server. The client populates the copy of database with data from data object....**USE** - For transferring business data that is stored in relational database management system (RDBMS) and shared by business systems, from server to client through internet...

...**ADVANTAGE** - Enables transfer of source database to client across various database types, vendors and operating systems without the need for development effort...

**Original Publication Data by Authority**

**Original Abstracts:**

...development effort. The system providing a server having access to a source database to be transferred to a client. The source database having metadata associated therewith including information regarding the structure and fields of the source database. The system including a...

...network. The client having a data access application for processing the data received from the server and generating and populating a copy of the source database for use by the client.

**Claims:**

...metadata and at least a portion of the data and stores the retrieved data in at least one data object, each data object corresponding to a field of the database; the server sends the metadata and the at least one data object to the client; the client receives the metadata and the at least one data object from the server and generates and stores a copy of the database using the metadata, and populates the copy of the database with the data from the at least one data object; and wherein the client-server system provides for the transfer of a source database to the client across various database types, vendors and operating systems without development effort.

20/69,K/7 (Item 7 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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0013703348 - Drawing available  
WPI ACC NO: 2003-800464/  
XRPX Acc No: N2003-641361

**E-commerce database initializing method, involves reconfiguring database data when another database having information about issues received in issue tracker is migrated from one folder to another**

Patent Assignee: ACCEPURE LLP (ACCE-N)

Inventor: UNDERWOOD R A

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6633878	B1	20031014	US 1999364735	A	19990730	200375 B

Priority Applications (no., kind, date): US 1999364735 A 19990730

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6633878	B1	EN	270	157	

#### Alerting Abstract US B1

NOVELTY - The method involves **receiving information** relating to a set of issues from a set of users in an issue tracker. The information about the issues is stored in a database. Another database that stores tables having **user interface** and application logic is provided **access** to the information in the former database. The tables of the latter database are reconfigured when the former is migrated from a folder to another.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a computer readable medium for initializing a database used with an issue tracker.

USE - Used for initializing e-commerce databases.

ADVANTAGE - The issue tracker allows editing and displaying of the information based on the user issues, thereby providing faster interaction between the client and the web server.

DESCRIPTION OF DRAWINGS - The drawing shows a flowchart depicting a method for initializing a database used with an issue tracker.

**Title Terms/Index Terms/Additional Words:** DATABASE; INITIALISE; METHOD; DATA; INFORMATION; ISSUE; RECEIVE; TRACK; MIGRATION; ONE; FOLDER

#### Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4M; T01-N01A; T01-S03

**E-commerce database initializing method, involves reconfiguring database data when another database having information about issues received in issue tracker is migrated from one folder to another**

...NOVELTY - The method involves **receiving information** relating to a set of issues from a set of users in an issue tracker...

...information about the issues is stored in a database. Another database that stores tables having **user interface** and application logic is provided **access** to the information in the former database. The tables of



the latter database are reconfigured...

#### **Original Publication Data by Authority**

##### **Original Abstracts:**

...initializing a database used with an issue tracker. The issue tracker receives information relating to a **plurality** of issues from a plurality of users, displays the information relating to the issues, and...

...database is also provided that stores tables including: a plurality of user interfaces; and/or **application logic** for accessing the information in **the** first database. The tables of the second database are reconfigured upon migrating the first database **from a first folder to a second folder**.

##### **Claims:**

...a database used with an issue tracker that receives information relating to a plurality of **issues from** a plurality of users, displays the information relating to the issues, and allows the browsing...

...of a plurality of user interfaces and application logic for accessing the information in the **first database** ; and (c) reconfiguring the **tables** of the second database upon migrating the first database from a first folder to a second **folder**.

20/69,K/12 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0012997773 - Drawing available  
WPI ACC NO: 2003-075745/200307  
Related WPI Acc No: 2003-199804; 2003-441955; 2003-469021; 2003-833169;  
2004-315471; 2005-260585; 2005-649096; 2006-182017  
XRPX Acc No: N2003-058614

**Digital data processing method for enterprise application integration, by downloading functionality for effecting information transfers between databases, and transferring information between databases**

Patent Assignee: ANGELO R F (ANGE-I); AZMI A (AZMI-I); BAJPAI C (BAJP-I);  
BRITTON C P (BRIT-I); KAUFMAN N W (KAUF-I); KUMAR A (KUMA-I);  
METATOMIX INC (META-N)

Inventor: ANGELO R F; AZMI A; BAJPAI C; BIGWOOD D; BRITTON C P; KAUFMAN N W;  
KUMAR A

**Patent Family** (8 patents, 95 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2002093319	A2	20021121	WO 2002US15721	A	20020515	200307 B
US 20020178170	A1	20021128	US 2001291185	P	20010515	200310 E
			US 2001917264	A	20010727	
EP 1405219	A2	20040407	EP 2002741711	A	20020515	200425 E
			WO 2002US15721	A	20020515	
AU 2002314788	A1	20021125	AU 2002314788	A	20020515	200452 E
US 20050228805	A1	20051013	US 2001291185	P	20010515	200567 E
			US 2001917264	A	20010727	
			US 2001324037	P	20010921	
			US 200151619	A	20011029	
			US 200529164	A	20050104	
AU 2002314788	A8	20051013	AU 2002314788	A	20020515	200611 E
US 7058637	B2	20060606	US 2001291185	P	20010515	200637 E
			US 2001917264	A	20010727	
US 20060277227	A1	20061207	US 2001291185	P	20010515	200681 E
			US 2001917264	A	20010727	
			US 2006430258	A	20060508	

Priority Applications (no., kind, date): US 2001291185 P 20010515; US  
2001917264 A 20010727; WO 2002US15721 A 20020515; WO 2002US15698 A  
20020515; US 2006430258 A 20060508

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002093319	A2	EN	43	4	
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
US 20020178170	A1	EN			Related to Provisional US 2001291185
EP 1405219	A2	EN			PCT Application WO 2002US15721
					Based on OPI patent WO 2002093319
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
AU 2002314788	A1	EN			Based on OPI patent WO 2002093319
US 20050228805	A1	EN			Related to Provisional US 2001291185
					C-I-P of application US 2001917264

200151619

Related to Provisional US 2001324037  
Continuation of application US

AU 2002314788 A8 EN  
US 7058637 B2 EN  
US 20060277227 A1 EN

2001917264

Continuation of patent US 6856992  
Based on OPI patent WO 2002093319  
Related to Provisional US 2001291185  
Related to Provisional US 2001291185  
Continuation of application US

Continuation of patent US 7058637

#### Alerting Abstract WO A2

NOVELTY - The method involves **downloading** functionality for effecting **information transfers** between a first **database** and a second database, and **transferring information** between the databases.

DESCRIPTION - The transferring step includes at least one of **receiving information** from the first database using a first protocol and **transmitting the information** to the second database using a second protocol, and **receiving information** from the second database using the second protocol and **transmitting the information** to the first database using the first protocol.

USE - For enterprise application integration.

ADVANTAGE - Provides digital data processing method that can be readily and inexpensively integrated with legacy, current and future database management systems, and which can be implemented without interruption of enterprise operation. Facilitates ready access to up-to-date enterprise data, regardless of its underlying source. Permits flexible presentation of enterprise data in an easily understood manner.

DESCRIPTION OF DRAWINGS - The figure depicts an improved enterprise application integration system.

**Title Terms/Index Terms/Additional Words:** DIGITAL; DATA; PROCESS; METHOD; APPLY; INTEGRATE; FUNCTION; EFFECT; INFORMATION; TRANSFER

#### Class Codes

International Classification (Main): G06F, G06F-017/30

(Additional/Secondary): G06F-013/38, G06F-015/16

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/00	A	I	F	B	20060101
G06F-0017/30	A	I		R	20060101
G06F-0017/30	A	I	F	B	20060101
G06F-0017/00	C	I	L	B	20060101
G06F-0017/30	C	I		R	20060101
G06F-0017/30	C	I	L	B	20060101

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4M; T01-J20A; T01-J20B1

**Digital data processing method for enterprise application integration, by downloading functionality for effecting information transfers between databases, and transferring information between databases**

**Alerting Abstract ...NOVELTY** - The method involves **downloading** functionality for effecting **information transfers** between a first **database** and a second database, and **transferring information** between the databases.  
**DESCRIPTION** - The transferring step includes at least one of **receiving information** from the first database using a first protocol and

transmitting the information to the second database using a second protocol, and receiving information from the second database using the second protocol and transmitting the information to the first database using the first protocol...

#### Original Publication Data by Authority

#### Original Abstracts:

...this end, the connectors can utilize a scripting language to access the respective database systems. Data retrieved from the database systems can be stored in a central data store in the form...

...this end, the connectors can utilize a scripting language to access the respective database systems. Data retrieved from the database systems can be stored in a central ...this end, the connectors can utilize a scripting language to access the respective database systems. Data retrieved from the database systems can be stored in a central data store in the form...

...this end, the connectors can utilize a scripting language to access the respective database systems. Data retrieved from the database systems can be stored in a central data store in the form...this end, the connectors can utilize a scripting language to access the respective database systems. Data retrieved from the database systems can be stored in a central data store in the form...

#### Claims:

What we claim is: <b>1</b>. A digital data processing method for enterprise application integration comprising downloading functionality for effecting information transfers between a first database and a second database, transferring information between the first database and the second database, the transferring step including at least one of receiving information from the first database using a first protocol, and transmitting that information to the second database using a second protocol, receiving information from the second database using the second protocol, and transmitting that information to the first database using the first protocol enterprise application integration comprising downloading functionality for effecting information transfers between a first database and a second database, transferring information between the first database and the second database, the transferring step including at least one of receiving information from the first database using a first protocol, and transmitting that information to the second database using a second protocol, receiving information from the second database using the second protocol, and transmitting that information to the first database using the first protocol...

...method for enterprise application integration comprising storing, in a data store, RDF triplets representing transactional information received from each of a plurality of databases, displaying on a browser a markup language document...

...the query to one or more of the plurality of databases using respective applications program interfaces ("API"), retrieving information from the one or more databases in response to the applied query, converting that retrieved information into said RDF triplets.

25/69,K/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0012360513 - Drawing available

WPI ACC NO: 2002-303132/200234

XRPX Acc No: N2002-237142

**Routing packets in a communications network, involves performing routing calculations according to a link state, using the bundled link as a unit of transmission medium**

Patent Assignee: NEC CORP (NIDE)

Inventor: MIYAO Y; YAMADA K; YAMADA N

**Patent Family** (5 patents, 29 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020018447	A1	20020214	US 2001919829	A	20010802	200234	B
CA 2354370	A1	20020209	CA 2354370	A	20010731	200234	E
EP 1187400	A2	20020313	EP 2001119250	A	20010809	200234	E
JP 2002057697	A	20020222	JP 2000240544	A	20000809	200234	E
JP 3654158	B2	20050602	JP 2000240544	A	20000809	200537	E

Priority Applications (no., kind, date): JP 2000240544 A 20000809

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020018447	A1	EN	26	18	
CA 2354370	A1	EN			
EP 1187400	A2	EN			

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2002057697	A	JA	27		
JP 3654158	B2	JA	27	Previously issued patent	JP 2002057697

#### Alerting Abstract US A1

NOVELTY - Parallel component links are grouped into a bundled link. Routing calculations are then performed according to a link state, using the bundled link as a unit of transmission medium. Corresponding **databases** are **created** in which the bundled links are mapped to the component links and destination addresses are mapped to the bundled links.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.a routing controller;

2.a router

USE - Routing packets in an optical communication network.

ADVANTAGE - Ensures network scalability and stability while using the conventional link state routing algorithm. Reduces traffic of control packets exchanged between routers by treating parallel component links as a single bundled link even if there is a request for change in the number of component links. Reduces time required for routing calculations. High speed table updating is possible in the event of a link failure by the creation of first and second databases. Eliminates the need for presetting Internet protocol interfaces address of a neighbor router by exchanging **hello** packets on individual links, containing the IP interface addresses of the bundled links.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of a routing module.

**Title Terms/Index Terms/Additional Words:** ROUTE; PACKET; COMMUNICATE;  
NETWORK; PERFORMANCE; CALCULATE; ACCORD; LINK; STATE; BUNDLE; UNIT;  
TRANSMISSION; MEDIUM

**Class Codes**

International Classification (Main): H04L-012/26, H04L-012/56  
(Additional/Secondary): H04Q-011/00

File Segment: EPI;

DWPI Class: T01; W01; W02

Manual Codes (EPI/S-X): T01-J04A; T01-N02A3B; W01-A06C1; W01-A06E1;  
W01-A06G3; W01-A06G5A; W02-C04

**Alerting Abstract** ...to a link state, using the bundled link as a unit of transmission medium. Corresponding **databases** are **created** in which the bundled links are mapped to the component links and destination addresses are...

...Eliminates the need for presetting Internet protocol interfaces address of a neighbor router by exchanging **hello** packets on individual links, containing the IP interface addresses of the bundled links.

**Original Publication Data by Authority**

**Original Abstracts:**

...to a link-up or link-down request and produces a first database mapping the **relationships between component** links and bundled links. The router performs routing calculations according to a link state routing...

...and bundled links. The first and second databases are downloaded to interface units connected to **the** parallel component links. When a data packet is received, the databases are used for translating the header of the data packet for allowing **it** to be **routed** through a switch for transmission...

...link-down request and produces a first database mapping the relationships between component links and **bundled links**. **The** router performs routing calculations according to a link state routing algorithm using the bundled link...

...and second databases are downloaded to interface units connected to the parallel component links. When **a** data packet is received, the databases are used for translating the header of the data packet for allowing it to be routed through **a** switch for **transmission**. >

25/69,K/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0010576929 - Drawing available

WPI ACC NO: 2001-181443/200118

XRPX Acc No: N2001-129375

Data warehouse request creation facilitating method for distributed data warehouse middleware, involves sequencing via series of menus to make modifications in information related to each of selected sub-component

Patent Assignee: BULL HN INFORMATION SYSTEMS INC (HONE)

Inventor: GUHR J T; PICONE J K; ROSENSTEEL K R

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6167405	A	20001226	US 199867101	A	19980427	200118 B

Priority Applications (no., kind, date): US 199867101 A 19980427

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6167405	A	EN	13	3	

#### Alerting Abstract US A

NOVELTY - A DRM component in warehouse management interface is invoked responding to selection of warehouse request to be implemented, after generating design. Sub-component of data warehouse request are created and visual representations are displayed. By sequencing via series of menus, required modifications are made to data related to sub-component selected for display prior to scheduling request for execution.

DESCRIPTION - The repository stores information defining reference links between each target data warehouse table and source table from which instances must be extracted, identification of source and target databases, reference links between relative portion of source and target table and identification of warehouse request entities related to number of target tables to be populated by particular warehouse request. The sub-components are created by accessing previously created reference links from repository, when specifying the process of extracting data from source tables. An INDEPENDENT CLAIM is also included for data warehouse request creation apparatus.

USE - For populating database warehouse containing data gathered from variety of sources e.g. existing production database in distributed data warehousing system e.g. distributed data warehouse middleware.

ADVANTAGE - Since sub-component information are viewed by sequencing through menus, the request definition is speeded up. Relieves an administrator from time consuming and tedious task of constructing warehouse requests.

DESCRIPTION OF DRAWINGS - The figure shows the overall block diagram of data warehousing system.

15 Repository

Title Terms/Index Terms/Additional Words: DATA; WAREHOUSE; REQUEST; CREATION; FACILITATE; METHOD; DISTRIBUTE; SEQUENCE; SERIES; MENU; MODIFIED; INFORMATION; RELATED; SELECT; SUB; COMPONENT

#### Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;  
DWPI Class: T01  
Manual Codes (EPI/S-X): T01-J05B3; T01-J05B4M; T01-J20B1; T01-M02A1C;  
T01-S01C

Data warehouse request creation facilitating method for distributed data warehouse middleware, involves sequencing via series of menus to make modifications in information related to...

**Alerting Abstract** ...NOVELTY - A DRM component in warehouse management interface is invoked responding to selection of warehouse request to be implemented, after generating design. Sub-component of data warehouse request are created and visual representations are displayed. By sequencing via series of menus, required modifications are made to data related...

... **USE** - For populating database warehouse containing data gathered from variety of sources e.g. existing production database in distributed data warehousing system

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

...are graphically defined and linked together by an administrator with the repository tool. The resulting visual design is so drawn so as to serve as input for each warehouse request to...

...of the request by accessing various links stored by the repository tool and displays a visual representation of the subcomponents and their relationships to each other to the administrator. Thereafter, the replication component provides access to menu screens for enabling the administrator to visualize each of the subcomponents of the request and their properties for enabling modifications to be...

#### **Claims:**

A method for facilitating the creation of data warehouse requests for populating data warehouse tables defining a particular warehouse design in a data warehouse system...

...component for storing information representative of the warehouse design and a warehouse management interface component operatively coupled to the repository for enabling development of warehouse requests required to populate the warehouse...

...of subcomponents specifying a process of extracting data from source tables of a source database located in one of the data source systems, moving the data to the target system, transforming the data to match target system requirements and then storing...

...replication management (DRM) component included within the warehouse management interface component in response to a selection of a warehouse request to be implemented; (c) in response to the selection, automatically creating...

...links from the repository and displaying a visual representation of the subcomponents of the request; and, (d) providing access to menus of a menu facility for enabling visualization of the automatically created data warehouse request and for making any required modifications to information related to the each of the subcomponents selected for



display prior to scheduling the request for...

25/69,K/8 (Item 8 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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0009679527

WPI ACC NO: 1999-633767/

XRPX Acc No: N1999-467984

**Database accessing system for object oriented language processing**

Patent Assignee: MULLINS W (MULL-I); THOUGHT INC (THOU-N)

**Patent Family** (4 patents, 78 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999052044	A1	19991014	WO 1998US5131	A	19980316	199954 B
AU 199886556	A	19991025	AU 199886556	A	19980407	200011 E
			WO 1998US5131	A	19980407	
JP 2000514229	W	20001024	JP 1998549685	A	19980407	200058 E
			WO 1998US5131	A	19980407	
EP 1076863	A1	20010221	EP 1998937922	A	19980407	200111 E
			WO 1998US5131	A	19980407	

Priority Applications (no., kind, date): WO 1998US5131 A 19980316

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999052044	A1	EN	34	1	
National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UZ VN					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199886556	A	EN			PCT Application WO 1998US5131 Based on OPI patent WO 1999052044
JP 2000514229	W	JA	28		PCT Application WO 1998US5131 Based on OPI patent WO 1999052044
EP 1076863	A1	EN			PCT Application WO 1998US5131 Based on OPI patent WO 1999052044
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					

**Alerting Abstract WO A1**

NOVELTY - A specific application program **interface** (API) (700) unpacks the data to effect instantiating object attributes and the object name into a new object. Another API (700) in communication with specific API and at least **one database**, has meta data **map** comprising at least one object name and provides content from database (302) corresponding to object attributes and meta data (201).

DESCRIPTION - At least one object scheme (200) including the meta data (201) corresponding to **database** schema (300), is **created**. An adaptor abstraction layer (600) has the application program **interface** (API) (700) responsive to object application (101) including an application bridge which receives an object comprising object attributes and object name of object application. The **interface** extracts the object attributes and the object name from the object to effect packing of the object attributes and the object name, as data. The APIs comprise adapters (400,500), respectively. An INDEPENDENT CLAIM is also included for the data base accessing method for object oriented language.

USE - For accessing database for object-oriented language processing.

ADVANTAGE - The adaptor abstraction layer provides a consistent API for

both object and non-object databases and thereby enables application programmers to migrate between various object stores without application modification. The adapter abstraction layer also facilitates communication with a remotely available adapter of **interface** without modifying the object application programming logic. The object schema manager permits dynamic modification of object schema without requiring modification or recompile of the object application, to ensure that the object application clients are not brittle. Allows for any changes of one object schema to be transparently reflected to any client object application accessing and **using** the object **schema** without the need for object application modification or recompilation. Contemplates a notification mechanism so that database modification resulting from requests in one location be immediately communicated to all object application accessing that object **schema**. **Facilitates** simple and rapid application development and lowers maintenance cost by improving the flexibility of object application and by reducing brittleness of object application clients. Facilitates separation of database access code such as structured query language (SQL) from the object application logic. Caches the meta data for the class name in the memory of specific adaptor and saves pre-compiled versions of the access code which can simply be re-executed without recompile, and thereby provides improved performance characteristics for successive accesses. Because all adapters implement the same API, they are interchangeable in the object application, providing new and useful functionality, even beyond the subject implementation, without requiring object application modification.

DESCRIPTION OF DRAWINGS - The figure shows database accessing system in conjunction with a schema manager.

- 101 Object application
- 200 Object schema
- 201 Meta data
- 300 Database schema
- 302 Database
- 400,500 Adapters
- 600 Adapter abstraction layer
- 700 API

**Title Terms/Index Terms/Additional Words:** DATABASE; ACCESS; SYSTEM; OBJECT; ORIENT; LANGUAGE; PROCESS

#### **Class Codes**

International Classification (Main): G06F-012/00, G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F07; T01-J05B4A; T01-J20B1

**Alerting Abstract ...NOVELTY** - A specific application program **interface** (API) (700) unpacks the data to effect instantiating object attributes and the object name into a new object. Another API (700) in communication with specific API and at least **one database**, has meta data **map** comprising at least one object name and provides content from database (302) corresponding to object...

DESCRIPTION - At least one object scheme (200) including the meta data (201) corresponding to **database** schema (300), is **created**. An adaptor abstraction layer (600) has the application program **interface** (API) (700) responsive to object application (101) including an application bridge which receives an object comprising object attributes and object name of object application. The **interface** extracts the object attributes and the object name from the object to effect packing of...

...application modification. The adapter abstraction layer also facilitates communication with a remotely available adapter of **interface** without modifying the object application programming logic. The object schema manager permits dynamic modification of...

...of one object schema to be transparently reflected to any client object application accessing and **using** the object **schema** without the need for object application modification or recompilation. Contemplates a notification mechanism so that...

...from requests in one location be immediately communicated to all object application accessing that object **schema**. **Facilitates** simple and rapid application development and lowers maintenance cost by improving the flexibility of object...

#### **Original Publication Data by Authority**

##### **Original Abstracts:**

...and non-object (e.g. relational) data stores, effecting a consistent interface to the data **store** regardless of its underlying structure, or a method of transport and level of security...

...relational) data stores, effecting a consistent interface to the data store regardless of its underlying **structure**, or a method of transport and level of security...

...une interface coherente sur la memoire de donnees independamment de sa structure intrinseque ou un **procede** de transport et de niveau de securite.

28/69,K/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0012969326 - Drawing available  
WPI ACC NO: 2003-046611/  
XRPX Acc No: N2003-036791

**Input verification system for accessing relational database , downloads mirror copy of information tree from database of server and changes client models based on displayed information**

Patent Assignee: LINDBERG H (LIND-I); RYDIN P (RYDI-I)

Inventor: LINDBERG H; RYDIN P

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020143800	A1	20021003	US 2001768389	A	20010124	200304 B

Priority Applications (no., kind, date): US 2001768389 A 20010124

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020143800	A1	EN	16	7	

#### Alerting Abstract US A1

NOVELTY - The client has a **graphical user interface** that accesses the database of a server and downloads a mirror copy of the tree of information such that each node in mirror copy constitutes a client model. Information relating to client models are displayed and client models are changed based on displayed information. The server models are updated based on the changes.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.Method of verifying input between graphical user interface and database over communication network; and
- 2.Computer readable medium storing input verification program.

USE - For accessing relational database.

ADVANTAGE - Since the browser has a mirror copy, it can perform certain processes without the aid of the server, thereby reducing traffic and demands on the server.

DESCRIPTION OF DRAWINGS - The figure shows a model of database mapping.

**Title Terms/Index Terms/Additional Words:** INPUT; VERIFICATION; SYSTEM; ACCESS; RELATED; DATABASE; MIRROR; COPY; INFORMATION; TREE; SERVE; CHANGE ; CLIENT; MODEL; BASED; DISPLAY

#### Class Codes

International Classification (Main): G06F-012/00  
(Additional/Secondary): G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4B; T01-J05B4M; T01-S03

**Input verification system for accessing relational database , downloads mirror copy of information tree from database of server and changes client models based on displayed information**

...NOVELTY - The client has a **graphical user interface** that **accesses** the database of a server and downloads a mirror copy of the tree of information...

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

...tree along with a web page form which contains fields for receiving and/or displaying **information**, and optionally a **controller** utility. Each node in **the** mirror copy constitutes a client side model. In accordance with the present invention, each field...

#### **Claims:**

...information, each field being associated with one of the client side models; change at least **one** of the client **side** models based upon information input to the fields, and update the server side model with...

31/69,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0013350244 - Drawing available

WPI ACC NO: 2003-438087/200341

Related WPI Acc No: 2003-662241

XRPX Acc No: N2003-349420

**Data synchronization system between secondary system and distributed system, includes synchronization modules which process records in at least one main , replica and secondary databases using mapped records**

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: LEE A J; ZONDERVAN Q Y

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6516327	B1	20030204	US 1998113941	P	19981224	200341 B
			US 1999404800	A	19990924	

Priority Applications (no., kind, date): US 1998113941 P 19981224; US 1999404800 A 19990924

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6516327	B1	EN	25	11	Related to Provisional US 1998113941

#### Alerting Abstract US B1

NOVELTY - At least one modification database stores an **entry** corresponding to the main **database** record, the **replica database** record, the secondary database record. An update indicator shows whether the record has been updated since the first synchronization. Synchronization modules process the records in at least one **main , replica** and secondary **databases** using **mapped** records in the identification tables.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a method for synchronizing data between secondary systems and distributed systems;
- 2.a processor readable medium.

USE - Used for synchronizing data between secondary system and distributed system.

ADVANTAGE - Facilitates the use of electronic devices with the distributed database systems. Allows user to synchronize the data across multiple databases and ensure synchronization of data periodically.

DESCRIPTION OF DRAWINGS - The figure shows a database storage structure.

**Title Terms/Index Terms/Additional Words:** DATA; SYNCHRONISATION; SYSTEM; SECONDARY; DISTRIBUTE; MODULE; PROCESS; RECORD; ONE; MAIN; REPLICA; MAP

#### Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4A; T01-J05B4M; T01-S03

...secondary system and distributed system, includes synchronization modules which process records in at least one main , replica and secondary databases using mapped records

...NOVELTY - At least one modification database stores an entry corresponding to the main database record, the replica database record, the secondary database record. An update indicator shows whether the record has been updated since the first synchronization. Synchronization modules process the records in at least one main , replica and secondary databases using mapped records in the identification tables.

#### **Original Publication Data by Authority**

##### **Original Abstracts:**

...database and the source database including the version of the identification mapping database associated with the source database when the synchronization occurred . A pruning module is provided for pruning entries from the modification module using the replication...

##### **Claims:**

...comprising an entry corresponding to the main database record, the replica database record, and the corresponding secondary database record, the entry further comprising an update indicator for indicating whether the record has been updated since a prior synchronization between the...

...main, replica and secondary database record, wherein the identification database maps at least two records of the main, replica and secondary database records using the identification numbers and the version numbers; and one or more synchronization modules that synchronize records in ...



36/69,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009330697 - Drawing available

WPI ACC NO: 1999-262726/199922

XRPX Acc No: N1999-195561

GUI development method for database access

Patent Assignee: SUN MICROSYSTEMS INC (SUNM)

Inventor: BALLAMUDI S S R; BROWN T; CHEN L; GOURISHETTY A; GUPTA N; LAU F;

MADHUCHANDRA B; NAGARAJAYYA N

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5892510	A	19990406	US 1996673860	A	19960702	199922 B

Priority Applications (no., kind, date): US 1996673860 A 19960702

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5892510	A	EN	16	5	

#### Alerting Abstract US A

NOVELTY - A screen with command buttons is created by inverting preset screen class. A field object is formed in the class and an ID number is assigned. The field object has elements for storing database operator, **information**, label for displaying **information**. A source code independent of database related **information** is generated through GUI builder.

DESCRIPTION - The source code is compiled to generate an executable application program with field objects, screen functions, **database** functions and field **map** storage elements. The application program is executed to impart GUI functionality to computer system.

USE - For database access.

ADVANTAGE - Database queries are issued just through manipulation of fields on screen without need for knowing structured query.

DESCRIPTION OF DRAWINGS - The figure illustrates steps of method of developing GUI containing field objects.

Title Terms/Index Terms/Additional Words: DEVELOP; METHOD; DATABASE; ACCESS

#### Class Codes

International Classification (Main): G06F-007/00

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4P; T01-J12

GUI development method for database access

Alerting Abstract ...and an ID number is assigned. The field object has elements for storing database operator, **information**, label for displaying **information**. A source code independent of database related **information** is generated through GUI builder....source code is compiled to generate an executable application program with field objects, screen functions, **database** functions and field **map** storage elements. The application program is executed to impart GUI functionality to computer system...

Original Publication Data by Authority

#### Original Abstracts:

...in a screen. Each field object contains storage elements that hold data displayed in a **screen** 's field. Each field object also contains storage elements that indicate functions that can be performed on data held in the **field** object. The field object may have at least three data member storage elements, **one** for holding data, another for holding a label, and yet another for holding a search operator. The GUI application program also includes...

...a screen to a corresponding column in the database, thereby allowing database queries to be **created** and performed dynamically on user entered field information. **Such** field map **storage** elements allow a database to be changed **without** affecting various parts, e.g. field objects and screen functions, of the GUI application program.

#### Claims:

A method of developing a graphical user **interface** ( **GUI** ) **for** **accessing** a **database** in a computer by use of a GUI builder **with** access to a plurality of predetermined classes, the method comprising:obtaining a screen having a plurality of command...

...predetermined class defining a first storage element for holding information, a second storage element for **holding** a label for labeling a display of the information, and a third storage element **for** holding a database operator;instantiating the first predetermined class to form a first field object...

...in the first field object, information including a label, the first field object's information **being** devoid of database related information;assigning a screen **specific** function to the screen;generating **source** code through the GUI builder, the source code comprising the screen, the first field object...

...related information;appending to the source code an address of a field map storage element, **the** field map storage element defining an association between a column in a table of a...

?

Set	Items	Description
S1	277109	GUI OR (GRAPHIC???? OR PICTORIAL?? OR VISUAL??)(3N)(INTERF- ACE? ? OR PRESENT??? OR PRESENTATION? ? OR REPRESENT??? OR RE- PRESENTATION? ? OR DEPICT????) OR VISUAL???
S2	425447	(USER? ? OR COMMAND()DRIVEN OR GRAPHIC?) (3N)(INTERFACE? ? - OR APPARAT? OR DEVICE? OR SCREEN? OR FRAME? ? OR PANEL? ? OR - WINDOW? ?) OR GUI OR GUIS OR INTERFACE?
S3	78464	S1:S2(5N)(DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRI- BUT? OR TRANSFER? OR TRANSMI? OR BEAM??? OR LOAD??? OR POST??? ?)
S4	99379	S1:S2(5N)(RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR PULL- ???()DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV? OR ACCESS?)
S5	1070485	METADATA? OR META()DATA? ? OR INFORMATION?? OR DATA OR SCH- EMA? ? OR INSTRUCT? OR JAVA(2N)FILE? ?
S6	475186	S5(5N)(USE? ? OR USING OR UTILI? OR ENABL? OR ALLOW? OR FA- CILITAT? OR EFFECTUAT? OR INSUR? OR ENSUR? OR ESTABLISH? OR S- ET??? ?()UP)
S7	384479	S5(5N)(RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR DOWNLOA- D? OR PULL???()DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR R- ETRIEV?)
S8	305293	S5(5N)(DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR TRANSFER? OR TRANSMI? OR BEAM???)
S9	44234	(ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL? - OR MAIN OR REFER? OR SOURC?) (3N)(DATABASE? OR DATABANK? OR DA- TA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR - DB OR RDB OR OODB OR ODBC OR DBMS OR RDBMS)
S10	1263	S9(5N)((MIRROR? OR COPY??? OR COPIE? ? OR REPLICA? OR CLON- E? OR CREATED OR NEW) (5N)(FILE? ? OR RECORD? ? OR DATA? ? OR - INFORMATION?? OR CONTENT? ?))
S11	1843	S9(5N)(MIGRAT??? OR MAP OR MAPS OR MAPP??? ? OR MOVING? OR TRANSFER? OR TRANSLAT? OR MOVE??? ?)
S12	15028	(MIRROR? OR COPY??? OR COPIE? ? OR REPLICA? OR CLONE? OR C- REATED OR NEW OR NEWER OR NEWEST) (3N)(DATABASE? OR DATABANK? - OR DATA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR DB OR RDB OR OODB OR ODBC OR DBMS OR RDBMS)
S13	1272	S12(5N)(POPULAT? OR FILL??? OR INCORPORAT? INPUT? OR (PUT - OR PUTS OR PUTTING) ()IN OR INSERT? OR INSTALL? OR ENTER? OR E- NTRY? OR ENTRIE? ?)
S14	64326	S3:S4(100N)S7:S8
S15	27	S14(100N)S11(100N)S12
S16	24	S15(100N)S6
S17	23	S16 NOT (AD>2003 OR AD=2004:2007)
S18	3	S15 NOT S16
S19	258095	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR DB OR RDB OR OODB OR ODBC OR DB- MS OR RDBMS
S20	15207	S19(5N)(MIGRAT??? OR MAP OR MAPS OR MAPP??? ? OR MOVING? OR TRANSFER? OR TRANSLAT? OR MOVE??? ?)
S21	11	S20(100N)S3:S4(100N)S7:S8(100N)S10(100N)S12(100N)S13
S22	1371	(S19 OR S9) (100N)S12(100N) (S11 OR S20)
S23	34	S22(100N)S3:S4(100N)S7:S8(100N)S6(100N)S13
S24	33	S15:S18 OR S21
S25	18	S23 NOT S24
S26	988	S13(100N)S5:S8
S27	60	S26(100N)S3:S4
S28	51	S24:S25
S29	41	S27 NOT S28
S30	40	S29 NOT (ACCENTUR? OR AC()PROPERT? OR ANDERSEN()CONSULT?)
S31	27	S30(100N)S6(100N)S13

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File 349:PCT FULLTEXT 1979-2007/UB=20070208UT=20070201  
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17/5,K/6 (Item 6 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00722429

**DATA STORAGE MANAGEMENT FOR NETWORK INTERCONNECTED PROCESSORS**  
**DATENSPEICHERVERWALTUNG FÜR IN EINEM NETZWERK ZUSAMMENGESCHALTETE**  
**PROZESSOREN**  
**GESTION DE MEMORISATION DE DONNEES POUR PROCESSEURS INTERCONNECTES EN**  
**RESEAU**

**PATENT ASSIGNEE:**

KODAK LIMITED, (258581), P.O. Box 66 Station Road, Hemel Hempstead Herts,  
HP1 1JU, (GB), (Proprietor designated states: all)

**INVENTOR:**

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PATENT (CC, No, Kind, Date): EP 746819 A1 961211 (Basic)  
EP 746819 B1 991215  
WO 9523376 950831

APPLICATION (CC, No, Date): EP 95911653 950210; WO 95US1660 950210

PRIORITY (CC, No, Date): US 201658 940225

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): G06F-012/08; G06F-003/06

CITED PATENTS (EP B): WO 92/09035 A; US 5276867 A

**CITED REFERENCES (EP B):**

PROCEEDINGS OF THE SYMPOSIUM ON MASS STORAGE SYSTEMS, MONTEREY, OCT. 7 -  
10, 1991, no. SYMP. 11, 7 October 1991 INSTITUTE OF ELECTRICAL AND  
ELECTRONICS ENGINEERS, pages 3-10, XP 000272111 FOSTER A ET AL  
'RENAISSANCE: MANAGING THE NETWORK COMPUTER AND ITS STORAGE  
REQUIREMENTS'  
DATA COMMUNICATIONS, vol. 22, no. 11, 1 August 1993 pages 49-50, XP  
000383973 SALAMONE S 'MIGRATING DATA TO CHEAPER STORAGE'  
PROCEEDINGS OF THE IEEE, vol. 63, no. 8, August 1975 NEW YORK US, pages  
1166-1170, XP 000226646 JOHNSON 'The IBM 3850: A Mass Storage System  
with Disk Characteristics';

**NOTE:**

No A-document published by EPO

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Assignee: 001102 B1 Transfer of rights to new proprietor: VERITAS  
SOFTWARE CORPORATION (2874471) 1600 Plymouth  
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Application: 951115 A International application (Art. 158(1))  
Oppn None: 001129 B1 No opposition filed: 20000916  
Application: 961211 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 961211 A1 Date of filing of request for examination:  
960823  
Change: 970716 A1 Representative (change)  
\*Assignee: 970716 A1 Applicant (transfer of rights) (change): KODAK  
LIMITED (258581) P.O. Box 66 Station Road Hemel  
Hempstead Herts, HP1 1JU (GB) (applicant)

designated states: DE;FR;GB;IT)

\*Assignee: 970716 A1 Previous applicant in case of transfer of rights (change): AVAIL SYSTEMS CORPORATION (2028480) Suite 106, 4760 Walnut Street Boulder, CO 80301-2561 (US) (applicant designated states: DE;FR;GB;IT)

Examination: 970827 A1 Date of despatch of first examination report: 970710

Grant: 991215 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9950	4348
CLAIMS B	(German)	9950	3803
CLAIMS B	(French)	9950	5378
SPEC B	(English)	9950	10199
Total word count - document A			0
Total word count - document B			23728
Total word count - documents A + B			23728

...SPECIFICATION is virtual, since the data files are presently stored on backup medium 72 that was **created** when these identified **data files** were **initially migrated** to the first layer of the secondary storage. The placeholder entry for each of the **data** files contained in the deleted **transfer** units is not updated, since the data files are still accessible within the data storage...

...is required at the lowest layer 313 of the hierarchy but the user has not **procured** additional **data** storage **devices** 63. Where the **user** subsequently does expand the data storage capacity of this layer, the overflowed **data** can be **retrieved** from the shelf storage and placed in the additional data storage space.

When a processor...

...a data file that is stored in the shelf layer 314, the storage server 50 **retrieves** the physical storage location **data** from the secondary storage directory associated with the requested data file. This data includes an...

17/5,K/23 (Item 17 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00413465 \*\*Image available\*\*

**METHOD OF TRANSFERRING DATA BETWEEN RELATIONAL DATABASE TABLES**  
**PROCEDE DE TRANSFERT DE DONNEES ENTRE TABLES DE BASES DE DONNEES**  
**RELATIONNELLES**

Patent Applicant/Assignee:

WALL DATA INCORPORATED,

Inventor(s):

KAWAI Kenji,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9803926 A1 19980129

Application: WO 97US12396 19970716 (PCT/WO US9712396)

Priority Application: US 96685237 19960723

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD  
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class (v7): G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2442

**English Abstract**

A method of generating a computer system to determine a sequence of data transfers required to move data from one or more tables in a source database into a corresponding destination table in a relational database. A randomly ordered list of destination tables is created and sorted such that the destination tables are arranged in a least dependent order so that data is moved into tables before data is moved into tables that contain foreign keys.

**French Abstract**

La presente invention concerne un procede servant a generer un systeme informatique capable de determiner une sequence de transferts de donnees a mettre en oeuvre pour transferer une ou plusieurs tables d'une base de donnees origine vers une table destinataire correspondante appartenant a une base de donnees relationnelle. Le procede consiste a creer une liste a classement aleatoire des tables destinataires, puis a trier cette liste de facon a distribuer les tables selon un ordre de moindre dependance afin de transferer les donnees dans des tables avant de transferer ces memes donnees dans des tables a cles externes.

Fulltext Availability:

Detailed Description

**Detailed Description**

... fill the database tables with data from a previously created database. In that case, the **user** must import the data from the old database tables into the newly created database tables...the present invention to determine the sequence in which data should be moved

from the **source database** ; and

FIGURE 6 illustrates how the steps shown in FIGURES 4 and 5 arrange the ...newly created database. In the preferred 5 embodiment of the invention, the new database is **created** using a semantic object model in the manner described in U.S. Patent Application Serial...

...October 29, 1993, and herein incorporated by reference. However, the present invention applies equally to **databases created** by other means, such as ...when a user of the SALSA program wants to import data from an existing relational **database** into a newly **created database** . The window 50 includes a smaller window 52 that represents a table in the source...as the columns in the source table. The user manually selects which column in the **source database** is to be **moved** into which column in the corresponding destination database. The selection is shown as an arrow...

...takes place, if possible, in order to attempt to satisfy the action desired by a **user** . The **window 50** represents a **data transfer** between a single source



18/5,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00705972

Real-time administration-translation arrangement.

Einrichtung zur Echtzeitubersetzung von Verwaltungsdaten.

Dispositif de traduction en temps reel de donnees administratives.

PATENT ASSIGNEE:

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INVENTOR:

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PATENT (CC, No, Kind, Date): EP 670647 A2 950906 (Basic)  
EP 670647 A3 970326

APPLICATION (CC, No, Date): EP 95301111 950222;

PRIORITY (CC, No, Date): US 205916 940303

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H04L-012/24; G06F-017/28;

ABSTRACT EP 670647 A2

A translation database (23) is used to allow an administrator to use a foreign language to administer, in real time, a switching system (10) whose administration database (11) is constructed from forms, files, and other administration patterns expressed in a native language and that stores administration data also expressed in the native language. The translation database is constructed from equivalents of the administration patterns that are expressed in the foreign language. The translation database is devoid of the administration data, but includes information that is enterable by the administrator as administration data, expressed in both the native language and the foreign language. All communications exchanged between the administration database and the administrator are translated by the administration terminal (20) through the translation database, such that all interaction with the administrator is effected in the foreign language yet all interaction with the administration database is effected in the native language. (see image in original document)

ABSTRACT WORD COUNT: 156

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 950906 A2 Published application (A1with Search Report  
;A2without Search Report)

Search Report: 970326 A3 Separate publication of the European or  
International search report

Withdrawal: 980701 A2 Date on which the European patent application  
was deemed to be withdrawn: 970927

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	857
SPEC A	(English)	EPAB95	3394
Total word count - document A			4251
Total word count - document B			0

Total word count - documents A + B 4251

...SPECIFICATION a translation of database 110, and a translation database 230 in which the translation of **database 110** is **created** and stored. **Initially**, **translation database 230** is blank; that is, it is formatted as database 110, but it is otherwise...

...database 230 a foreign-language version of copy 110, which will serve as a master **copy** of translation **database 23**.

The functionality of translation-creation application 201 that is relevant to this discussion is...selects a set of data --a pattern, an information file, or a portion of the **user interface** -- application 201 **retrieves** the selected set of **data** from database 110 and displays the **retrieved data** on display 240. Illustratively, application 201 uses the dbVISTA commercial database program of Raima Corp...

25/5,K/9 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00811339 \*\*Image available\*\*

**SHARED ADDRESS-DATA SERVICE FOR PERSONAL MOBILE COMMUNICATIONS EQUIPMENT  
SERVICE DE DONNEES D'ADRESSES PARTAGEES, DESTINE A UN MATERIEL ELECTRONIQUE  
PERSONNEL**

Patent Applicant/Assignee:

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Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

SAGAR Rik, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

DE LA FOUCHARDIERE Marie-Noelle (agent), Internationaal Octrooibureau  
B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200144911 A2-A3 20010621 (WO 0144911)

Application: WO 2000EP12148 20001201 (PCT/WO EP0012148)

Priority Application: US 99464866 19991216

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CN JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class (v7): H04L-029/06

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4549

**English Abstract**

The user is enabled to upload, to a server on the Internet, information from a first contact data base in a first communications apparatus. The server manipulates the uploaded information and extracts or converts the format of the records for a second contact data base of a second communications apparatus.

**French Abstract**

Selon l'invention, un utilisateur peut telecharger dans un serveur, sur l'Internet, des informations provenant d'une premiere base de donnees de contact d'un premier dispositif de telecommunication. Le serveur manipule les informations telechargees et extrait ou convertit le format des enregistrements pour les transferer a une seconde base de donnees de contact d'un second dispositif de telecommunication.

Legal Status (Type, Date, Text)

Publication 20010621 A2 Without international search report and to be  
republished upon receipt of that report.

Search Rpt 20020117 Late publication of international search report

Republication 20020117 A3 With international search report.

Fulltext Availability:

Detailed Description

**Detailed Description**

... Nino. On further investigation, she discovers that if she chooses the Philips mobile, she can use SmartConnect to transfer the contact information in her Nino directly onto the phone. When Debbie...record.

From the intermediate format, server application 122 can select which 10 elements of **database** 108 to transfer to mobile phone 104. Using the data in table 300 as an...

...124, as it could not be displayed.

15 To allow the user of the **database** to select which columns need to be transferred to mobile phone 104, the following is recommended. Subsequent to the **transfer** of **database** 108 to server 106, application 122 checks to see if this **database** has been uploaded in the past. For a **database** that has not been uploaded before, the user is provided with a list of each...by label and prompted to indicate which fields need to be transferred. A separate checkbox, **one** for each **database** field, is presented on-screen and the user checks appropriate boxes to indicate the fields...

...user's selection in a way that allows it to be recalled for the specific **database** 108, when **database** 108 is uploaded to server 106 again, some time later. For either a **new** or an existing **database**, the contents are then stored on server 106, as outlined above, in the Intermediate Format, while the data is manipulated and transferred to mobile phone 104.

Once **database** 108 has been filtered to only contain information appropriate to mobile phone 104, the data...

25/5,K/14 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00569844 \*\*Image available\*\*

**CLIENT SERVER SYSTEM WITH THIN CLIENT ARCHITECTURE**  
**SYSTEME CLIENT-SERVEUR A ARCHITECTURE DE CLIENTINIMALE**

Patent Applicant/Assignee:

SIEBEL SYSTEMS INC,  
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ARNAIZ Gilberto,  
COKER John L,  
HAHN Samuel,  
KATCHOUR Ernst,  
ROTHWEIN Thomas M,  
SCHWARTZ David C,

Inventor(s):

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COKER John L,  
HAHN Samuel,  
KATCHOUR Ernst,  
ROTHWEIN Thomas M,  
SCHWARTZ David C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033217 A1 20000608 (WO 0033217)  
Application: WO 99US28414 19991130 (PCT/WO US9928414)  
Priority Application: US 98110191 19981130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG  
US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class (v7): G06F-017/30

International Patent Class (v7): G06F-007/00

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 19872

English Abstract

Web-based client-server systems with thin client architecture. More specifically, it relates to a method and system for transferring service requests and responses to the requests between a thin client (15) and an enterprise server in a client-server system.

French Abstract

L'invention concerne des systemes client-serveur Internet, qui possedent une architecture de client minimale. Plus specialement, l'invention concerne un procede et un systeme de transfert de demandes de services et des reponses a ces demandes entre un client minimum (15) et un serveur d'entreprise, au sein d'un systeme client-serveur.

Fulltext Availability:

Detailed Description

## Detailed Description

... through Siebel Enterprise Interfaces. Siebel Enterprise Interfaces provide both 1 5 transactional and volume-oriented **interfaces** that provide **access** to all the business data and all the business logic within Siebel Enterprise Applications.

### Transactional...

...by external applications as both Microsoft COM and OMG CORBA-compliant objects. The Business Object **Interfaces** can be **accessed** from both the Siebel Dedicated or Mobile Clients and from the Object Manager component on...

...operations executed in a given run. This file can specify a broad import that will **populate** a **new** Siebel **Database** Server with all the data needed to run Siebel Enterprise Applications, or can execute processes... enhanced response time for all clients across low bandwidth, high latency channels.

34.

\* High throughput **interfaces** . Siebel EIM enables the **transfer** of very large volumes of **data** . The EIM Server is scalable through replication.

\* Very large database support. Siebel generates highly optimized...

...to each database environment. In addition, the data synchronization technology enables effective partitioning of the **data** across multiple databases.

Table 1 discusses features of an embodiment of the Sieble Server architecture...

...0 Dynamic registration services

0 Comprehensive statistics and process logging

0 Bi-directional, high-volume **data transfer** processing

### **DATA MANAGEMENT LAYER**

0 Support for optimizer hints for maximum performance

E1 Support for cursor modes...

...Support for grouped SQL operations

0 Database cursor support for effective use of set based **retrieval**

E1 Siebel Server Architecture

36.

### **DATA MODEL**

21 Comprehensive model comprised of more than 1200 tables

E1 Cross-industry data model...

21/5,K/3 (Item 3 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01076932

Method for creating and modifying similar and dissimilar databases for use  
in operator services configurations for telecommunication system

Verfahren zur Erzeugung und Modifizierung von ähnlichen und  
unterschiedlichen Datenbanken für Vermittlungsdienstenkonfigurationen  
für ein Telekommunikationssystem

Methode pour créer et modifier des bases de données similaires et  
dissimilaires pour utilisation dans des configurations de service  
d'opérateur pour un système de télécommunication

PATENT ASSIGNEE:

LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,  
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PATENT (CC, No, Kind, Date): EP 948181 A2 991006 (Basic)

EP 948181 A3 000510

APPLICATION (CC, No, Date): EP 99302439 990329;

PRIORITY (CC, No, Date): US 54206 980402

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04M-003/42; H04M-003/22; H04Q-003/00

ABSTRACT EP 948181 A2

This invention uses a computer program to mine preexisting operator services configuration data located in a variety of preexisting source operator services configuration databases. The computer program either creates a new operator services configuration database from parts of existing operator services configuration databases or modifies an existing operator services configuration database. The computer program replaces the current system's reliance upon manual data entry by data engineers to configure the operation of a new telecommunication switch or replace the software in a telecommunication switch that was damaged or requires a new operator services configuration data configuration. This invention provides accurate and timely customer information, significantly decreases the time interval for engineering a new operator services configuration database, decreases the research and data entry time, decreases the interval for lab planning and project management, improves operator services configuration database integrity, provides a cleaner operator services configuration database, reuses existing operator services configuration data eliminating double data entry, reuses some existing software code, and uses preexisting office data administration tools and provides a platform for future growth and expandability. By accomplishing these tasks, the telecommunication switch manufacturer or telecommunication switch operator saves time, money and decreases time-to-market product and service schedules.

ABSTRACT WORD COUNT: 199

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000510 A2 International Patent Classification changed:  
20000322  
Application: 991006 A2 Published application without search report  
Change: 060301 A2 Title of invention (French) changed: 20060301  
Change: 060301 A2 Title of invention (English) changed: 20060301  
Change: 060301 A2 Title of invention (German) changed: 20060301  
Search Report: 000510 A3 Separate publication of the search report  
Examination: 001227 A2 Date of request for examination: 20001026  
Examination: 050608 A2 Date of dispatch of the first examination  
report: 20050422

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9940	1421
SPEC A	(English)	9940	5795
Total word count - document A			7216
Total word count - document B			0
Total word count - documents A + B			7216

...SPECIFICATION switch sometimes requires the installation of an emergency backup switch. The emergency backup switch requires **database** configurations that replicate the databases in the damaged switch. Normally, the configuration of the emergency...

...to configure the telecommunication switch by transferring existing data information from known databases into new **databases** by automating the manual tasks of data entry would save considerable time, money and significantly...

...entry process of engineering operator services configuration databases, the computer program of this invention establishes a **new database** structure and mines source databases to load source operator services data into the **new** operator services **database** structure. The computer program is capable of searching for the desired data and automates many of the tasks for configuring a **new** operator services **database** from the source databases. This eliminates the current requirement for manual data entry for configuring **new** operator services **databases** for telecommunication switches.

This computer program is multifunctional allowing for the browsing of all operator...

...structure and selectively copies all or part of the data from the source operator services **databases** into the **new database**.

The invention selects the source databases, determines whether the operator services database supports European Transmission...

...invention provides accurate and timely customer information, significantly decreases the time interval for engineering a **new** operator services **database**, decreases the research and data entry time, decreases the interval for lab planning and project...

...computer program.

Figure 3 illustrates the operation of the computer program as it builds a **new database** from parts of other databases.

Figure 4 is a flow chart of the overall features...



25/5,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01566369

A system and method for use in providing a healthcare information database  
System und Verfahren zur Bereitstellung einer Gesundheitspflegeinformations  
datenbank

Systeme et methode pour etablir une base de donnees avec des informations  
de soins de sante

PATENT ASSIGNEE:

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Valley Stream Parkway, Malvern, PA 19355, (US), (Applicant designated  
States: all)

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LEGAL REPRESENTATIVE:

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Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 1302888 A2 030416 (Basic)  
EP 1302888 A3 061122

APPLICATION (CC, No, Date): EP 2002256921 021004;

PRIORITY (CC, No, Date): US 328354 P 011010; US 244443 020916

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-019/00

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0019/00 A I F B 20060101 20030122 H EP

ABSTRACT EP 1302888 A3

A method for providing accessibility to an information database by  
users of application software is presented, comprising the steps of  
retrieving desired data from a first source; processing the data to be  
suitable for incorporation in a transitional database (40) by using  
industry specific starter data (35) to aid in merging the desired data;  
applying a predetermined rule (22) to the processed data to ensure  
compatibility of the processed data with the transitional database (40);  
incorporating the processed data into the transitional database in  
response to the determination; and communicating transitional database  
data to a targeted information database (62).

ABSTRACT WORD COUNT: 100

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030416 A2 Published application without search report

Search Report: 061122 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200316	709
SPEC A	(English)	200316	4178
Total word count - document A			4888
Total word count - document B			0
Total word count - documents A + B			4888

...SPECIFICATION format, a hypertext format, an industry standardized

format, or the like, or a combination thereof.

**Data** processor 10 is used to retrieve legacy data from database 100 and process the legacy...

...relevant to a no longer used option. Transitional database 40 may further comprise user specific **data** and starter database elements.

Transitional database 40 may comprise transitional tables 41 (Fig. 2) **used** for incorporating both **user** specific **data** and starter database elements. Further, transitional tables 41 of transitional database 40 may be used...

...more object class 45 (such as 45a, 45b, and 45c in Fig. 2) to be **used** within healthcare **information** database 60. This **allows** the population process to take full advantage of predetermined common objects or classes of objects...

...classes Network 45a, Unit Type 45b, Unit 45c, and Bed 45d. These classes 45 are **used** to create an exemplary healthcare **information** database 60. As shown in Fig. 2, for example, in an exemplary embodiment table 41 ...

...elements, such as import image element 51 which can be invoked to begin functions that **allow** importing the legacy **data**, and export image element 52, which can be invoked to begin functions to export data...

...formats which are to be supported in a new system. The import enterprise specific legacy **data** are therefore integratable by **using** the **data**, once imported, during a merge process to merge the integratable legacy data with starter data...

...one or more executable procedures may be invoked to scan a predetermined portion of source **data** to **ensure** there are not any duplicates, e.g. using validation processor 20 (Fig. 1). Once verified...

25/5,K/17 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00305225

**DATA STORAGE MANAGEMENT FOR NETWORK INTERCONNECTED PROCESSORS**  
**GESTION DE MEMORISATION DE DONNEES POUR PROCESEURS INTERCONNECTES EN**  
**RESEAU**

Patent Applicant/Assignee:  
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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9523376 A1 19950831  
Application: WO 95US1660 19950210 (PCT/WO US9501660)  
Priority Application: US 94201658 19940225

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class (v7): G06F-012/08

International Patent Class (v7): G06F-03:06

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15160.

**English Abstract**

The data storage system is connected to a local area network (1) and includes a storage server (50) that, on a demand basis and/or on a periodically scheduled basis, audits the activity on each volume of each data storage device (31-33) that is connected to the network (1). Low priority data files are migrated via the network (1) and the storage server (50) to backend data storage media (61-65), and the directory resident in the data storage device (31-33) is updated with a placeholder entry to indicate that this data file has been migrated to backend storage (61-65). When the processor (21-22) requests this data file, the placeholder entry enables the storage server (50) to recall the requested data file to the data storage device (31-33) from which it originated.

**French Abstract**

Ce systeme de memorisation de donnees est connecte a un reseau local (1) et comprend un serveur de memorisation (50) qui, en fonction de la demande et/ou d'un programme periodique, analyse l'activite sur chaque volume de chaque memoire (31-33) connectee au reseau (1). Les fichiers de donnees de faible priorite sont transferees par l'intermediaire du reseau (1) et du serveur de memorisation (50) vers des supports de donnees dorsaux (61-65), et le repertoire residant dans les memoires (31-33) est mis a jour au moyen d'une marque de reservation en entree afin d'indiquer que ce fichier de donnees a ete transfere vers les supports de donnees dorsaux (61-65). Lorsque le processeur (21-22) demande ce fichier, la marque de reservation en entree permet au serveur de memorisation (50) de rappeler le fichier demande a partir de la memoire (31-33) d'origine.

Fulltext Availability:

## Detailed Description

### Detailed Description

... manager which traps any NetWare supported file system calls at the file server. 'nis also **allows** the automatic recall of migrated data files to be triggered.

Using these basic elements, numerous...52.

- 16 In addition, during the day, a network volume tends to fill with data **file** expansion, **data file copying** and newly **created** data files. The space task of the hierarchical data storage management application continually monitors the...

...execution and functions to move the lowest priority data files to secondary storage until the **acceptable** level has been reached.

The **data file migration** processes can be configured in various ways to customize the space management task. In particular...step 601 at the predetermined time, the operations kernel 501 in storage server processor 51 **accesses** at step 602, via network **interface** 502, data communication link 11 and network interface 503, the data file directory 511 that...

...checking that the data file has been transferred correctly. Storage server 50 thus writes the **transfer** unit containing the transferred **data** file and other data files to level 1 (311) of the secondary storage 52.

The...modified by the operations kernel 501 at step 606 to enable the processor 21 to **obtain** the **data** file whether it is stored on the managed volume in the network volume or on...

.31/5,K/3 (Item 3 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00869660

Graphic user interface apparatus and method for computer networking  
Vorrichtung und Verfahren fur eine graphische Benutzerschnittstelle fur  
Rechnernetzwerkaufgaben

Appareil et methode d'interface utilisateur graphique pour reseau  
d'ordinateurs

PATENT ASSIGNEE:

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Property Department, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 797159 A1 970924 (Basic)

APPLICATION (CC, No, Date): EP 97301139 970221;

PRIORITY (CC, No, Date): GB 9605668 960318

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-017/30; G06F-009/445;

ABSTRACT EP 797159 A1

Graphic user interface apparatus, for a server computer system which is connectable to a plurality of client computer systems in a computer network, comprises means for displaying a plurality of client indicators, each signifying a different one of the client computer systems, and a plurality of profile indicators, each signifying a different function stored in the server computer system and executable by one or more of the client computer systems. Means is provided for associating a selected profile indicator with a selected client indicator. Loading means loads, in response to the association, the function signified by the selected profile indicator from the server computer system to the client computer system signified by the selected client indicator.

ABSTRACT WORD COUNT: 117

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 970924 A1 Published application (A1with Search Report  
;A2without Search Report)

Withdrawal: 981230 A1 Date on which the European patent application  
was deemed to be withdrawn: 980325

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9709W3	528
SPEC A	(English)	9709W3	13896
Total word count - document A			14424
Total word count - document B			0
Total word count - documents A + B			14424

...SPECIFICATION can return to this form if required. The accelerator key  
for this control is N.

Data files and cancel operations

The database files and processes involved in the server software are

shown in Figure 3.

The **GUI** **gets** initial network details from the text files created by the network scan process. These files...

...are used to create a local binary database (called the "local database"). Whenever the administrator **enters** the GUI, a back-up **copy** of the local **database** is made. Any changes the administrator makes are made to the new copy. When the...  
...made to the local database the GUI starts another process. This takes the local database **information** and **uses** it to update the system RPL files (called the "system database"). The system database is...

31/5,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS.  
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00838724

**TRANSACTION SYNCHRONIZATION IN A DISCONNECTABLE COMPUTER AND NETWORK**  
**TRANSAKTIONSSYNCHRONISIERUNG IN EINEM NETZ ABTRENNBARER RECHNER**  
**SYNCHRONISATION DES RELEVES DE MOUVEMENTS DANS UN ORDINATEUR ET UN RESEAU**  
**POUVANT ETRE DECONNECTES**

**PATENT ASSIGNEE:**

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PATENT (CC, No, Kind, Date): EP 839353 A1 980506 (Basic)

EP 839353 B1 010926

WO 9704389 970206

APPLICATION (CC, No, Date): EP 96926744 960718; WO 96US11901 960718

PRIORITY (CC, No, Date): US 1261 P 950720

DESIGNATED STATES: DE; FR; GB; IE

INTERNATIONAL PATENT CLASS (V7): G06F-011/14; G06F-009/46; G06F-017/30

CITED PATENTS (EP B): EP 420425 A; WO 95/08809 A

**CITED REFERENCES (EP B):**

PROCEEDINGS OF THE USENIX MOBILE AND LOCATION-INDEPENDENT COMPUTING  
SYMPOSIUM, CAMBRIDGE, US, 2 - 3 August 1993, BERKELEY, CA, US, pages  
1-10, XP000519270 L.B. HUSTON ET AL.: "Disconnected Operation for AFS"  
ACM TRANSACTIONS ON COMPUTER SYSTEMS, vol. 10, no. 1, February 1992, NEW  
YORK, US, pages 3-25, XP000323223 JAMES J. KISTLER ET AL.:  
"Disconnected Operation in the Coda File System"  
C.J. DATE: "An Introduction to Database Systems, Volume II" July 1985 ,  
ADDISON-WESLEY PUBLISHING COMPANY , READING, MA, US XP002016220 pages  
1-33 (Chapter 1); pages 291-340 (Chapter 7) see page 291, line 1 - page  
295, line 20 see page 306, line 34 - page 309, line 26;

**NOTE:**

No A-document published by EPO

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Change: 010321 A1 Legal representative(s) changed 20010130  
Application: 970528 A1 International application (Art. 158(1))  
Oppn None: 020918 B1 No opposition filed: 20020627  
Examination: 010502 A1 Date of dispatch of the first examination  
report: 20010319  
Grant: 010926 B1 Granted patent  
Application: 980506 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 980506 A1 Date of filing of request for examination:  
980205

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200139	376
CLAIMS B	(German)	200139	351
CLAIMS B	(French)	200139	486
SPEC B	(English)	200139	11733
Total word count - document A			0

Total word count - document B            12946  
Total word count - documents A + B    12946

- ...SPECIFICATION The device controller on each computer communicates with that computer's storage device to control **data** transfers.  
Each computer's replica manager communicates with the device controller of that computer and...
- ...processor. The replica distributor insulates the database manager from the complexities caused by having target **database entries** stored in **replicas** on multiple computers, while still allowing the database manager to efficiently access and manipulate individual...
- ...location distributors and the location state processors are used to determine the storage locations of **database entries**.  
The **replica** distributor may also include an object distributor and an object schema, in which case the...
- ...object", "modify object", and "read object" available. The objects are defined using a compile-time **schema** definition language. The database manager and various subsystems of the replica manager can all query the object **schema** to **obtain information** regarding the format and storage requirements of objects, but semantic interpretation of object values is...
- ...generally, the replica managers intercept any file system or operating system call that directly accesses **replicated** files or **database entries**, so that consistent convergent replicas are maintained.  
One embodiment of the replica manager contains trigger...



31/5,K/6 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00380487

Generic application programming interface system and method  
System und Verfahren fur eine allgemeine Schnittstelle fur  
Anwendungsprogramme

Systeme et methode d'interface generique pour des programmes d'application  
PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 371941 A2 900606 (Basic)  
EP 371941 A3 920902  
EP 371941 B1 960703

APPLICATION (CC, No, Date): EP 89850413 891127;

PRIORITY (CC, No, Date): US 277372 881129

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-009/40; G06F-009/44;

CITED REFERENCES (EP A):

IEEE TRANSACTIONS ON SOFTWARE ENGINEERING. vol. SE-13, no. 12, December  
1987, NEW YORK US pages 1254 - 1264; HAYES, SCHLICHTING: 'Facilitating  
Mixed Language Programming in Distributed Systems'  
OPERATING SYSTEMS REVIEW (SIGOPS). vol. 21, no. 4, October 1987, NEW YORK  
US pages 21 - 29; BISIANI, FORIN: 'Architectural Support for  
Multilanguage Parallel Programming on Heterogeneous Systems';

ABSTRACT EP 371941 A2

A support system and method for interfacing of computer application  
programs written in a plurality of languages to a software system such as  
a database manager or the like. A plurality of generic application  
program interfaces or entry points are defined having a corresponding  
plurality of parameters in a consistent form required by the system to  
execute functions. The parameters are transformations of like parameters  
associated with the application programs which call the APIs. Processor  
states corresponding to threads in the application programs are stored in  
a table shared by the generic APIs. Upon return from the call and  
execution of the system function, processor state is restored and control  
returned to the application program. Necessity for separate entry points  
for applications written in each different supported language is thereby  
avoided as well as associated increased development effort, maintenance,  
and support. (see image in original document)

ABSTRACT WORD COUNT: 150

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900606 A2 Published application (A1with Search Report  
;A2without Search Report)

Examination: 901122 A2 Date of filing of request for examination:  
900926

Search Report: 920902 A3 Separate publication of the European or  
International search report

Change: 930324 A2 Representative (change)

Examination: 940817 A2 Date of despatch of first examination report:

940629

Grant: 960703 B1 Granted patent  
Oppn None: 970625 B1 No opposition filed  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	807
CLAIMS B	(English)	EPAB96	939
CLAIMS B	(German)	EPAB96	920
CLAIMS B	(French)	EPAB96	1100
SPEC A	(English)	EPABF1	5769
SPEC B	(English)	EPAB96	5829
Total word count - document A			6576
Total word count - document B			8788
Total word count - documents A + B			15364

...SPECIFICATION the call in a table accessible to and shared by all the generic application program **interfaces** but not **accessible** by the application programs. The function of the underlying software system is then called. Upon...

...execution of the function by the system, the processor state is restored, and return code **information** and control is then returned to the application program. The approach obviates the need for...

...supported by a database manager such as the creation, destruction, addition or scanning of a **database** . For each such **new entry** point defined to the plurality of functions which could be called from each application a...

...thread, each thread having a unique identification number. The buffer stores the entire processor state **information** , and the IDs are **used** to index into the table. When a particular thread's state information is saved, the...

...SPECIFICATION the call in a table accessible to and shared by all the generic application program **interfaces** but not **accessible** by the application programs. The function of the underlying software system is then called. Upon...

...execution of the function by the system, the processor state is restored, and return code **information** and control is then returned to the application program. The approach obviates the need for...

...supported by a database manager such as the creation, destruction, addition or scanning of a **database** . For each such **new entry** point defined to the plurality of functions which could be called from each application a...

...thread, each thread having a unique identification number. The buffer stores the entire processor state **information** , and the IDs are **used** to index into the table. When a particular thread's state information is saved, the...

31/5,K/15 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00891430 \*\*Image available\*\*

**A SYSTEM, METHOD AND INTERFACE FOR BUILDING BIOLOGICAL DATABASES USING TEMPLATES**

**SYSTEME, PROCEDE ET INTERFACE UTILISANT DES MODELES POUR CONSTRUIRE DES BASES DE DONNEES BIOLOGIQUES**

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Legal Representative:

JACOB Sheena (et al) (agent), Alban Tay Mahtani & De Silva, P.O. Box  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200225564 A1 20020328 (WO 0225564)

Application: WO 2000SG155 20000925 (PCT/WO SG0000155)

Priority Application: WO 2000SG155 20000925

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

GB SG US

Main International Patent Class (v7): G06F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5595

**English Abstract**

With the above and other objects in mind, the present invention provides a general system, method, and interfaces for building and integrating databases based on combining template modules using multiple dimensions, or views, to data and templates for database tools. The method may be applicable to domains characterised by complex data where multiple different views to data need to be combined for extraction of information. An example application is from bioinformatics, where multiple databases using this system and method may be built. The information extraction and data management is based on using templates, each of which is designed for a specific purpose.

**French Abstract**

La presente invention concerne, en autres, un systeme general, un procede et des interfaces qui permettent de construire et d'integrer des bases de donnees par combinaison de modules de reference utilisant de multiples dimensions, ou vues, avec des donnees et des modeles destines a des utilitaires de base de donnees. Le procede de l'invention peut s'appliquer a des domaines caracterises par des donnees complexes dans lesquelles plusieurs differentes vues relativement aux donnees doivent etre combinees pour extraire des informations. Une application

representative se rapporte a la bioinformatique dans laquelle plusieurs bases de donnees utilisant le systeme et le procede de l'invention peuvent etre construites. L'extraction d'informations et la gestion des donnees sont fondees sur l'utilisation de modeles concus chacun pour un but precis.

Legal Status (Type, Date, Text)

Publication 20020328 A1 With international search report.

Examination 20020815 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... of an interface page, file formats for data storing, and a set of programs that **allow data** storing and **data retrieval**. The **interface** page may take a standard form such as, for example, the BLAST interface, widely used...

...of 1 0 SLAD, used for inter-species sequence comparison. The format of files for **data** storing is flexible - it depends on the bioinformatics problem related to the question asked. For...

...invention allows users to build their own databases by selecting the appropriate templates, maintain the **databases**, and annotate **new entries**. It also allows users to combine sequence search and analysis tools within the database. It...

...entries as separate files and access them through lists of file names. The present invention **allows** the building of bioinformatic **data** warehouses. A data warehouse is a database structured to facilitate analytical tasks, rather than operational...framework for building bioinformatics warehouses by combining and integrating various data views and analysis tools. **Data** warehouses are commonly **used** for performing Knowledge Discovery from Databases (KDD). KDD is defined as the non-trivial process...

Set	Items	Description
S1	917682	GUI OR (GRAPHIC???? OR PICTORIAL?? OR VISUAL??) (3N) (INTERFACE? ? OR PRESENT??? OR PRESENTATION? ? OR REPRESENT??? OR REPRESENTATION? ? OR DEPICT???) OR VISUAL???
S2	1762777	(USER? ? OR COMMAND()DRIVEN OR GRAPHIC?) (3N) (INTERFACE? ? - OR APPARAT? OR DEVICE? OR SCREEN? OR FRAME? ? OR PANEL? ? OR WINDOW? ?) OR GUI OR GUIS OR INTERFACE?
S3	132334	S1:S2(5N) (DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR TRANSFER? OR TRANSMI? OR BEAM??? OR LOAD??? OR POST???)
S4	71409	S1:S2(5N) (RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR PULL???()DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV? OR ACCESS?)
S5	12315331	METADATA? OR META()DATA? ? OR INFORMATION?? OR DATA OR SCHEMA? ? OR INSTRUCT? OR JAVA(2N)FILE? ?
S6	1895669	S5(5N) (USE? ? OR USING OR UTILI? OR ENABL? OR ALLOW? OR FACILITAT? OR EFFECTUAT? OR INSUR? OR ENSUR? OR ESTABLISH? OR SET??? ?()UP)
S7	1057125	S5(5N) (RECEIV? OR ACCEPT? OR ACQUIR? OR OBTAIN? OR DOWNLOAD? OR PULL???()DOWN?? OR PROCUR??? OR GET? ? OR FETCH??? OR RETRIEV?)
S8	691353	S5(5N) (DELIVER? OR SEND??? OR SENT OR UPLOAD? OR DISTRIBUT? OR TRANSFER? OR TRANSMI? OR BEAM???)
S9	41064	(ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL? - OR MAIN OR REFER? OR SOURC?) (3N) (DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR DB OR RDB OR OODB OR ODBC OR DBMS OR RDBMS)
S10	393	S9(5N) ((MIRROR? OR COPY??? OR COPIE? ? OR REPLICA? OR CLONE? OR CREATED OR NEW) (5N) (FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR CONTENT? ?))
S11	653	S9(5N) (MIGRAT??? OR MAP OR MAPS OR MAPP??? ? OR MOVING? OR TRANSFER? OR TRANSLAT? OR MOVE??? ?)
S12	25517	(MIRROR? OR COPY??? OR COPIE? ? OR REPLICA? OR CLONE? OR CREATED OR NEW OR NEWER OR NEWEST) (3N) (DATABASE? OR DATABANK? - OR DATA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR DB OR RDB OR OODB OR ODBC OR DBMS OR RDBMS)
S13	443	S12(5N) (POPULAT? OR FILL??? OR INCORPORAT? INPUT? OR (PUT - OR PUTS OR PUTTING) () IN OR INSERT? OR INSTALL? OR ENTER? OR ENTRY? OR ENTRIE? ?)
S14	0	S3:S4 AND S7:S8 AND S10 AND S11 AND S12 AND S13
S15	256	S9 AND S10 AND S12
S16	102	S15 AND S6 AND S15
S17	10	S16 AND S1:S4
S18	48	S16 AND S7:S8
S19	42	S18 NOT S17
S20	0	S19 AND S11
S21	1223864	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR REPOSITOR? OR WAREHOUSE?) OR DB OR RDB OR OODB OR ODBC OR DBMS OR RDBMS
S22	26094	S21(7N) (MIGRAT??? OR MAP OR MAPS OR MAPP??? ? OR MOVING? OR TRANSFER? OR TRANSLAT? OR MOVE??? ?)
S23	156	S21 AND S3:S4 AND S6 AND S12
S24	0	S23 AND S22 AND S6 AND S13
S25	8	S22 AND S6 AND S13
S26	5	S23 AND S6 AND S13
S27	5	S26 NOT S25
S28	0	S19 AND S6 AND S13
S29	4	S16 AND S6 AND S13
S30	9	S27:S29
S31	8	S30 NOT (S17 OR S25)
File	2:INSPEC	1898-2007/Jan W4

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 File 8:Ei Compendex(R) 1884-2007/Jan W4  
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 File 34:SciSearch(R) Cited Ref Sci 1990-2007/Feb W1  
 (c) 2007 The Thomson Corp  
 File 35:Dissertation Abs Online 1861-2007/Jan  
 (c) 2007 ProQuest Info&Learning  
 File 56:Computer and Information Systems Abstracts 1966-2007/Jan  
 (c) 2007 CSA.  
 File 60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jan  
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 File 62:SPIN(R) 1975-2007/Jan W3  
 (c) 2007 American Institute of Physics  
 File 65:Inside Conferences 1993-2007/Feb 09  
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 File 94:JICST-EPlus 1985-2007/Feb W3  
 (c)2007 Japan Science and Tech Corp(JST)  
 File 95:TEME-Technology & Management 1989-2007/Feb W1  
 (c) 2007 FIZ TECHNIK  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Jan  
 (c) 2007 The HW Wilson Co.  
 File 111:TGG Natl.Newspaper Index(SM) 1979-2007/Feb 07  
 (c) 2007 The Gale Group  
 File 144:Pascal 1973-2007/Jan W4  
 (c) 2007 INIST/CNRS  
 File 239:Mathsci 1940-2007/Mar  
 (c) 2007 American Mathematical Society  
 File 256:TecInfoSource 82-2007/Sep  
 (c) 2007 Info.Sources Inc  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 2006 The Thomson Corp  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group

17/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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06511180 INSPEC Abstract Number: C9704-7120-022

**Title: Case Study 2: how Borland's Delphi helped S&P's Platt's unit develop a worldwide database replication app**

Journal: I/S Analyzer vol.35, no.8 p.7-11

Publisher: United Communications Group,

Publication Date: Aug. 1996 Country of Publication: USA

CODEN: ISANEL ISSN: 0896-3231

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**Abstract:** The Platt's division of Standard & Poor's is the group charged with keeping tabs on the various commodities markets. S&P's Platt's division needed a more trustworthy data distribution vehicle for disseminating its commodities information to its sister divisions worldwide. With Oracle as its database engine, the firm developed a graphical client/server application for **replicating the database information, first using Visual Basic, then Delphi.** This case study shows: how reliance on middleware and a lack of native ODBC support within the development environment can bog down database-intensive applications; the importance of normalizing your data and thinking through data presentation issues prior to development; and how to deal with Delphi's initial lack of third-party support as well as poor language documentation.

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**Maintaining a single source of truth**

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The key components of controlling costs throughout a plant's life by maintaining engineering and design information as a single source of truth are discussed. By maintaining the sole, accurate and consistent instrumentation database within Intools, less time is spent on searching to ensure that correct information is being worked with. Significant benefits can be gained by managing information, however, truly beneficial information is rarely derived from a single application source. The challenge is to efficiently and accurately populate one authoring application's database with data created using a different authoring application.